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NOTICE OF APPEAL FROM THE PRIMARY EXAMINER TO THE BOARD OF PATENT APPEALS AND INTERFERENCES (Large Entity)	Docket No. ITL1039US
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In Re Application Of: Sarah E. Kim, et al.

Application No. 10/669,212	Filing Date September 24, 2003	Examiner Chris C. Chu	Customer No. 21906	Group Art Unit 2815	Confirmation No. 2146
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Invention: Packaged Electroosmotic Pumps Using Porous Frits for Cooling Integrated Circuits

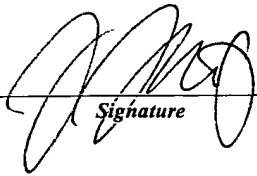
COMMISSIONER FOR PATENTS:

Applicant(s) hereby appeal(s) to the Board of Patent Appeals and Interferences from the decision of the Primary Examiner dated May 16, 2006 finally rejecting Claim(s) 10-13 and 18-25

The fee for this Notice of Appeal is: \$500.00


- ☒ A check in the amount of the fee is enclosed.
- ☐ The Director has already been authorized to charge fees in this application to a Deposit Account.
- ☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 20-1504
- ☐ Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.


Signature

Dated: July 26, 2006

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on July 26, 2006 (Date)  Signature of Person Mailing Correspondence Nancy Meshkoff Typed or Printed Name of Person Mailing Correspondence

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Sarah E. Kim et al.

Serial No.: 10/669,212

Filed: September 24, 2003

For: Packaged Electroosmotic Pumps
Using Porous Frits for Cooling
Integrated Circuits

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Art Unit: 2815

Examiner: Chris C. Chu

Atty Docket: ITL.1039US
P14622

Assignee: Intel Corporation

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Alexandria, VA 22313-1450

STATEMENT IN SUPPORT OF PRE-APPEAL REQUEST FOR REVIEW

Sir:

The claim calls for a catalytic re-combiner. It is suggested that a finned heat exchanger somehow constitutes both a re-combiner and a catalytic re-combiner.

Clearly, it has no catalytic elements. The attempt to parse the definition of a catalytic re-combiner to simply say that it is anything that allows condensation is unjustified. All that a finned heat exchanger does is remove heat from the flowing fluid. There is no area specifically devoted to condensation and no basis to make such a claim.

Moreover, there is nothing that allows any recombination of gases using a catalytic material. Therefore, there is no catalytic re-combiner. Any heat exchanger is not a catalytic re-combiner. Assertions to the contrary are unsupported.

Certainly, even the present application shows heat exchangers, but still needs a catalytic re-combiner. Thus, there is no basis to assert equivalency between a heat exchanger and a

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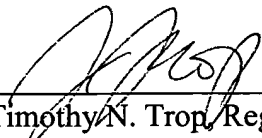

Nancy Meshkoff

catalytic re-combiner. The same can be said of the reference to Goodson. Namely, it teaches both elements, just no catalytic re-combiner within the integrated circuit package.

In view of the clear difference between a catalytic re-combiner and a heat exchanger, reconsideration is requested.

Respectfully submitted,

Date: July 26, 2006



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